

IN THE CLAIMS

Applicant hereby presents the claims, their status in the application, and amendments thereto as indicated:

1. (amended) A method for grounding a battery operated dispenser to a local ground adapted to dispense paper from a roll of paper disposed within the dispenser, the method comprising the steps of:

~~providing an internal connecting a low impedance path from to elements integral to positions internal to and on the surface of the dispenser where static electrical charges tend to accumulate;~~

~~connecting said low impedance path to a metal wall surface contact spring disposed adapted to contact a ground surface when said dispenser is mounted to the surface; and~~

~~discharging said static electrical charges charge accumulated on the elements to a local ground through the grounding interface the surface through the low impedance path and the surface contact spring.~~

2. (amended) The method as in claim 1, wherein the dispenser includes a nib roller and the method further comprises comprising the steps of: connecting the low impedance path to the a nib roller shaft of a paper towel dispenser to a grounding wire.

3. (amended) The method as in claim 2 further comprising the step of: utilizing connecting a shaft of the nib roller to the low impedance path using a spring contact to connect said nib roller shaft to said grounding wire, wherein said spring contact connects to said nib roller shaft.

4. (cancelled) An apparatus for grounding a dispenser comprising:  
a dispenser comprising;  
a low impedance grounding wire;

a metal contact spring grounding clip;  
~~a spring contact disposed to connect to a location of static electricity accumulation in the dispenser;~~  
~~said low impedance ground wire being disposed to connect to said spring contact and said metal contact spring grounding clip;~~  
~~said metal contact spring grounding clip being disposed to contact a wall;~~  
~~said metal contact spring grounding clip being disposed to connect electrically to a local ground.~~

5. (cancelled) The apparatus as in claim 4 further comprising:

~~said grounding wire being disposed to connect to a nib roller shaft of a paper towel dispenser.~~

6. (cancelled) The apparatus as in claim 4 further comprising:

~~said spring contact being disposed to connect to a nib roller compression spring, wherein said nib roller compression spring is disposed to contact a metal nib roller.~~

7. (amended) A paper dispenser for a paper web roll, comprising:

~~a first support adapted to hold a first roll of a paper;~~  
~~a second support adapted to hold a second roll of a paper;~~  
~~a third support rigidly connected to first and second support wherein said third support is rotatable about an axis;~~  
~~a transfer bar wherein paper from said second roll can be fed with paper from the first roll to dispense together;~~  
~~a detector adapted to trigger the dispensing of paper when a user's hand is positioned within the field of the sensor;~~  
a motor driven feed mechanism adapted to receive and dispense paper from the roll;

at least one battery electrically coupled to the motor driven feed mechanism;  
a grounding apparatus comprising:  
a low impedance grounding wire;  
a metal wall contact surface contact spring grounding clip adapted to contact a  
mounting surface external to the dispenser when the dispenser is affixed to the  
mounting surface; and

at least one low impedance wire having a first end electrically coupled to the  
spring and a second end coupled to a surface integral to the dispenser.

~~a spring contact disposed to connect to a location in a dispenser of static~~  
~~electricity accumulation;~~

~~said low impedance ground wire disposed to connect to said spring contact and~~  
~~said metal wall contact spring grounding clip;~~

~~said metal wall contact spring grounding clip disposed to contact by spring~~  
~~pressure to a wall;~~

~~said metal wall contact spring grounding clip disposed to connect electrically to a~~  
~~local ground.~~

8. (new) The dispenser of claim 7, wherein the feed mechanism includes a nib roller and the second end of the at least one low impedance wire is coupled to the nib roller.

9. (new) The dispenser of claim 8, wherein the dispenser further comprises a spring contact coupling the second end of the at least one low impedance wire to the nib roller.

10. (new) The dispenser of claim 8, wherein the nib roller includes a shaft and the spring contact couples the second end of the at least one low impedance wire to the shaft.

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(new) A dispenser for dispensing flexible sheet material comprising:

a chassis;

a feed mechanism affixed to the chassis, the feed mechanism including at least one roller and being adapted to advance sheet material from a roll of sheet material across the roller;

an electronic controller affixed to the chassis proximate to the roller, the controller being adapted to control dispensation of the sheet material;

at least one battery electrically coupled to the feed mechanism and to the controller; and

a conductive path extending from the roller to a mounting member of the chassis, the mounting member being adapted to affix the chassis to a support surface with the conductive path contacting the support surface, wherein static electricity built-up on the at least one roller as a result of dispensing sheet material is discharged through the conductive path.

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(new) The dispenser of claim 11, wherein the roller includes a roller shaft rotatably mounted to the chassis, and wherein the conductive path includes a contact arm slidably connected to the roller shaft.

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(new) The dispenser of claim 12, wherein the contact arm is spring biased against the roller shaft.

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